

CLAIMS:

1. A spectacle lens manufacturing method manufacturing a spectacle lens based on order information including spectacle frame information, a prescription value, and layout information, comprising the steps of: forming a lens member to obtain the lens member by forming a curved surface shape satisfying an optical specification of the spectacle lens related to an order on a plastic material; and edging to process the lens member to be shaped into an edge shape of the spectacle lens related to the order,
10 wherein said lens member forming step is to form a curved surface shape on the plastic material so that a geometric center of the edge shape positions at a processing center or geometric center of the plastic material.
2. The spectacle lens manufacturing method according to claim 1,
15 wherein said lens member forming step uses a lens blank of which both the surface have not yet processed to the curved surface shape satisfying the optical specification of the spectacle lens related to the order but processed to a predetermined surface shape as the plastic material of a processing target, and is able to process the spectacle lens related to the order
20 appropriately out of a plurality of lens blanks manufactured and prepared in advance, and
 wherein the lens blank having an outside diameter at least larger than a maximum distance between a frame center and a frame of the spectacle frame related to the order and having the smallest outside diameter as well is
25 selected and processed so that the spectacle lens related to the order is manufactured.

3. The spectacle lens manufacturing method according to claim 1 or 2,
wherein said lens member forming step uses a numerical-control
curve generator generating the curved surface shape of a processing target by
5 controlling distances from a cutting blade to the plastic material and a
rotation axis, respectively, in accordance with the curved surface shape of a
formation target while rotating the plastic material around the rotation axis
passing through a specific point of the curved surface of the processing target,
and

10 wherein the plastic material is arranged so that the center thereof
being a geometric center of an edge shape of the spectacle lens comes above
the rotation axis, a calculation is made to obtain a tilt angle in a case where a
reference surface of the plastic material is tilted at a predetermined angle with
respect to a case where the processing is performed on assumption that an
15 optical center or a lens vertex positions above the rotation axis, and a
processing is performed by tilting the reference surface of the plastic material
beforehand to offset the tilted angle.

4. A spectacle lens manufacturing system, comprising:
20 an order placement-side computer processing and transmitting
information required to order a spectacle lens including frame shape
information;

a manufacturing-side computer acquiring information required to
manufacture the spectacle lens-related to the order by receiving the
25 information transmitted by the order placement-side computer; and

a spectacle lens manufacturing device manufacturing the spectacle

lens-related to the order that is processed to have a shape settable in a frame by performing processes including formations of a curved surface and edge shape on a plastic material based on the information acquired by the manufacturing-side computer;

5 wherein said spectacle lens manufacturing device uses, as the plastic material of a processing target, a lens blank being a partly finished product of which both surfaces are not yet processed to have a curved surface satisfying an ultimate optical specification but have a predetermined surface shape,

 wherein a processing center of the lens blank matches with a frame
10 center of the edge shape to be processed,

 wherein said spectacle lens manufacturing device selects, out of plural lens blank of different outside diameters and/or lens thicknesses prepared in advance, the lens blank having the outside diameter and/or lens thickness size(s) allowing an appropriate processing for the spectacle lens-related to the
15 order,

 wherein the selection of the outside diameter of the lens blank is conducted by specifying based on a distance from a frame center to a frame and the spectacle lens-related to the order is manufactured by processing the selected lens blank, and

20 wherein the curved surface formation is performed to both the surfaces of the lens blank selected by the selection.